

# ECS/EMD Configuration Change Request

<b>1. Originator</b> Sarah Lewallen	<b>2. Log Date:</b> 10/12/04	<b>3. CCR #:</b> 04-0549	<b>4. Rev:</b> —	<b>5. Tel:</b> 301-925-0865	<b>6. Rm #:</b> 3103A	<b>7. Org.</b> SED
<b>8. CCR Title:</b> Create host for simulated SAN in the VATC for datapool, add host t1dps01						
<b>9. Originator Signature/Date</b> Sarah Lewallen /s/ 10/9/04			<b>10. Class</b> II	<b>11. Type:</b> CCR	<b>12. Need Date:</b> 11/15/04	
<b>13. CCR Sponsor Signature/Date</b> Pamela Johnson /s/ 10/12/04			<b>14. Category of Change:</b> Update ECS/EMD Baseline Doc		<b>15. Priority:</b> (If "Emergency" fill in Block 27). Routine	
<b>16. Documentation/Drawings Impacted</b> (Review and submit checklist): see attached			<b>17. Schedule Impact:</b> None		<b>18. CI(s) Affected:</b> DPSHW	
<b>19. Release Affected by this Change:</b> N/A		<b>20. Date due to Customer:</b>		<b>21. Estimated Cost:</b> None - Under 100K		
<b>22. Source Reference:</b> <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: Request from test group						
<b>23. Problem: (use additional Sheets if necessary)</b> The VATC needs a datapool configuration that appears more like the DAAC configurations. To accomplish this task, a separate host is needed as the disk host and datapool host. Currently t1mss06 is hosting the file systems and custom code for the datapool. At the DAACs the datapool is hosted on the x0dps01 and the file systems are hosted on the x0sas01.						
<b>24. Proposed Solution: (use additional sheets if necessary)</b> Move the old f3dis01 (ein 9107) to the VATC, and install Solaris 8 OS, and standard COTS. In the sitehost map change the datapool host from t1mss06 to t1dps01 and install the custom code. Remove the custom code from t1mss06. Add additional disks to the RAID on t1mss06 and create additional file systems. Export the file systems and create NFS mounts from t1drg01, t1acg01, t1dig06 and t1dps01. (A separate CCR will be needed for anonymous ftp configuration.)						
<b>25. Alternate Solution: (use additional sheets if necessary)</b> Continue with existing configuration.						
<b>26. Consequences if Change(s) are not approved: (use additional sheets if necessary)</b> Will not be able to separate datapool host from disk host.						
<b>27. Justification for Emergency (If Block 15 is "Emergency"):</b>						
<b>28. Site(s) Affected:</b> <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
<b>29. Board Comments:</b>				<b>30. Work Assigned To:</b>	<b>31. CCR Closed Date:</b>	
<b>32. SCDV CCB Chair (Sign/Date):</b> Byron V. Peters /s/ 11/15/04			<b>Disposition:</b> <span style="border: 1px solid red; padding: 2px;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
<b>33. EDF CCB Chair (Sign/Date):</b>			<b>Disposition:</b> Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
<b>34. ECS CCB Chair (Sign/Date):</b>			<b>Disposition:</b> Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

# ADDITIONAL SHEET

**CCR #:** 04-0549    **Rev:** —    **Originator:** Sarah Lewallen

**Telephone:** 301-925-0865    **Office:** 3103A

**Title of Change:** Create host for simulated SAN in the EDF.

910-TDA-005 Site Host Map  
920-TDV-001 VATC Hardware Diagram  
920-TDV-002 VATC Hardware-Software Map  
921-TDV-002 Hardware Network Diagram  
921-TDV-003 Host IP Assignments  
920-TDV-004 Floor Plan  
920-TDV-005 Cable Management Plan  
920-TDV-008 Mount Point Map  
922-TDV-046 Disk Partition Diagram - datapool  
922-TDV-044 Disk Partition Diagram - disk host

CM01AJA00 Revised 10/2/03

**ECS/EMD**